

FIG. 1

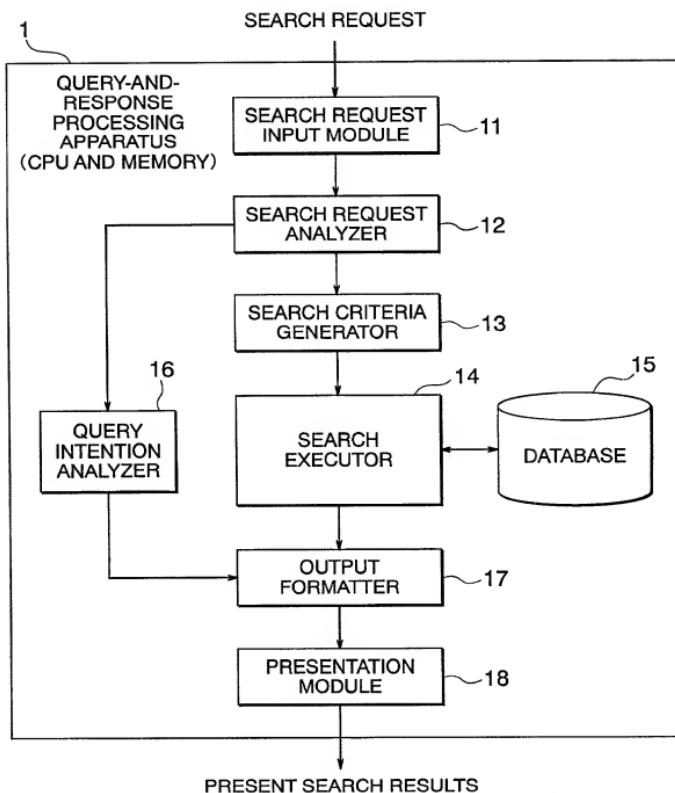


FIG. 2

15

DATABASE

COMPANY INFORMATION		PRODUCT INFORMATION			OTHER INFORMATION	
COMPANY NAME	LOCATION	REPRESENTATIVE	PRODUCT CLASS	PRODUCT NAME	PRICE	EVENT TYPE
COMPANY A	KAWASAKI	YAMAMOTO	KEYBOARD	XYZ	50,000	SALES
LABORATORY B	YOKOHAMA	YAMAZAKI	SOFTWARE	QRS	80,000	DEVELOPMENT
:	:	:	:	:	:	:

* : MAIN ITEM FLAG

FIG. 3

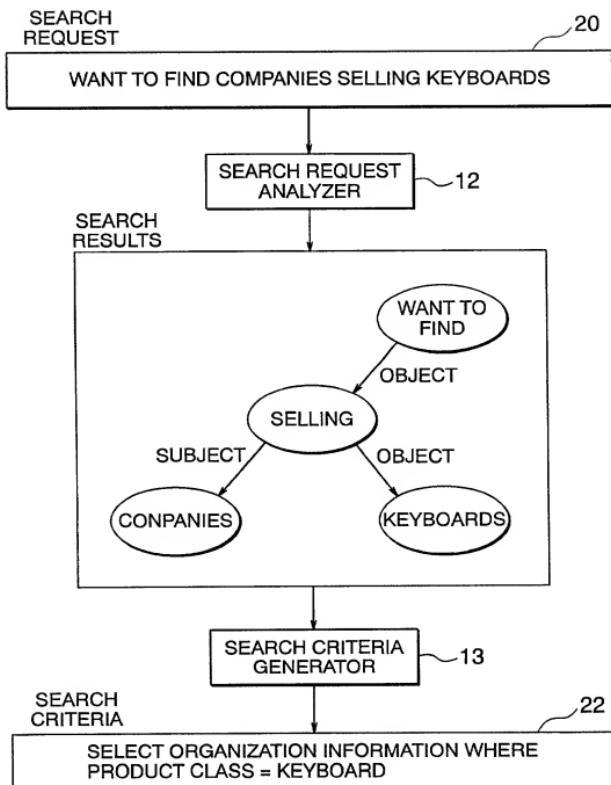


FIG. 4

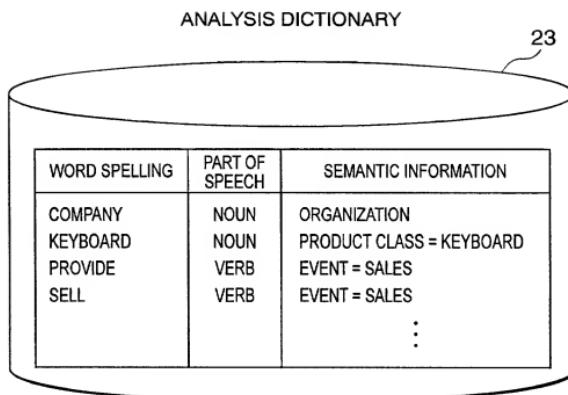


FIG. 5

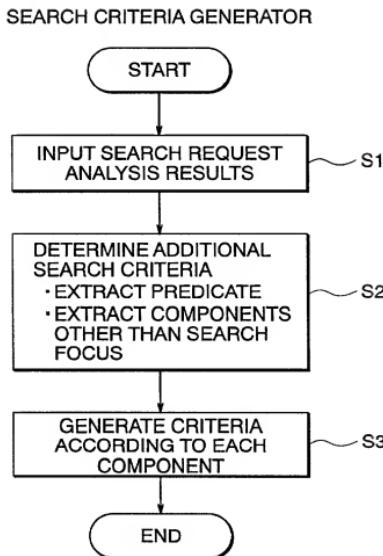


FIG. 6

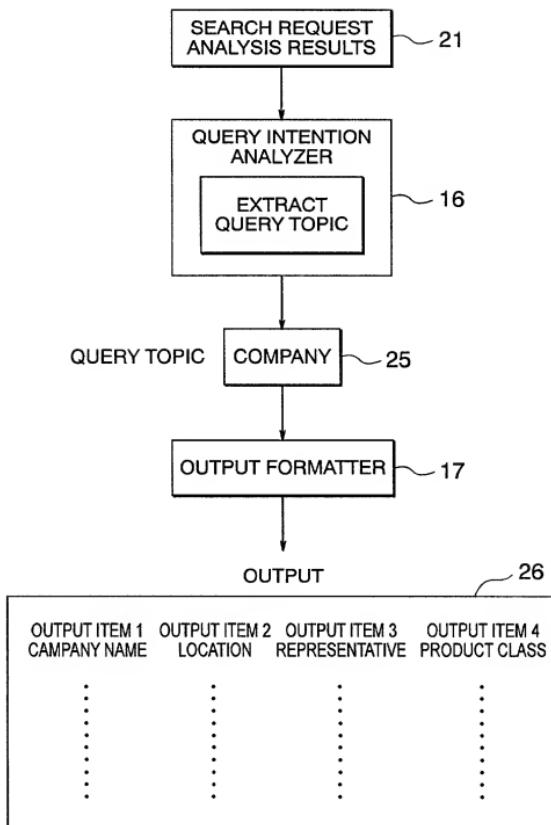


FIG. 7

QUERY INTENTION ANALYZER

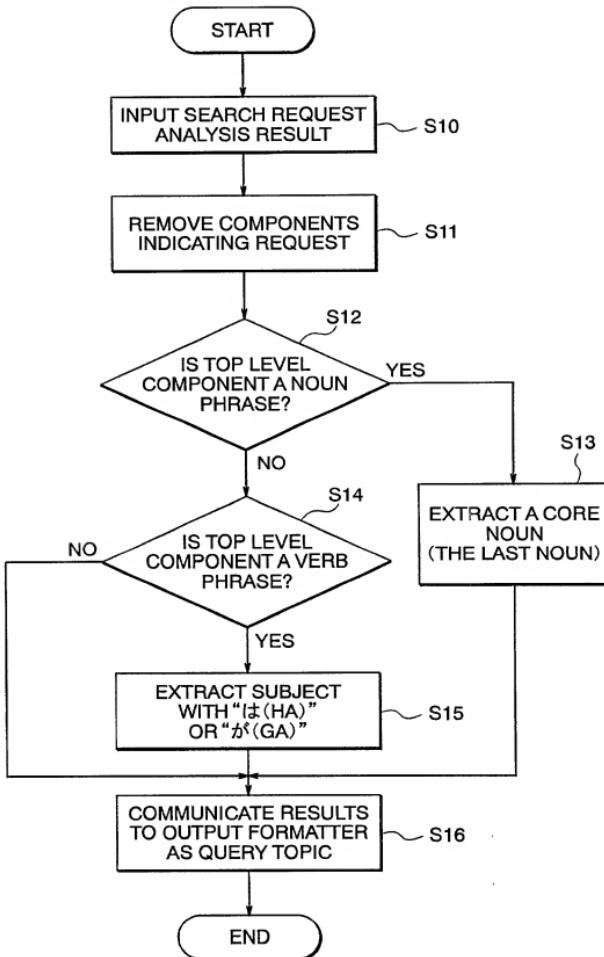


FIG. 8
OUTPUT FORMATTER

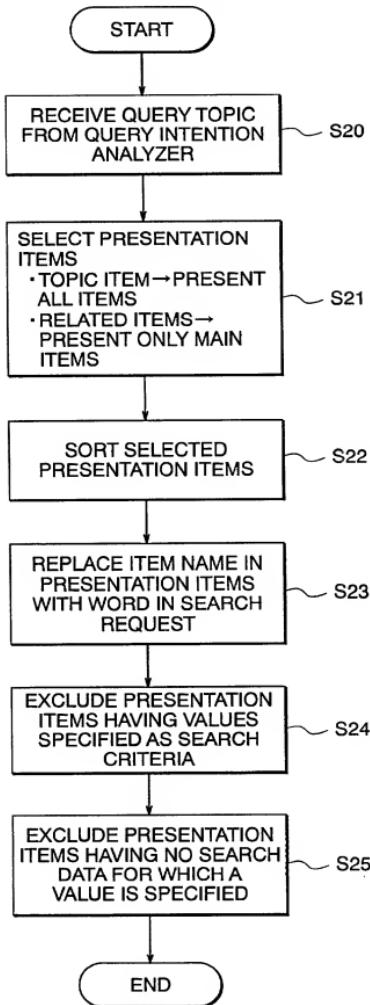


FIG. 9

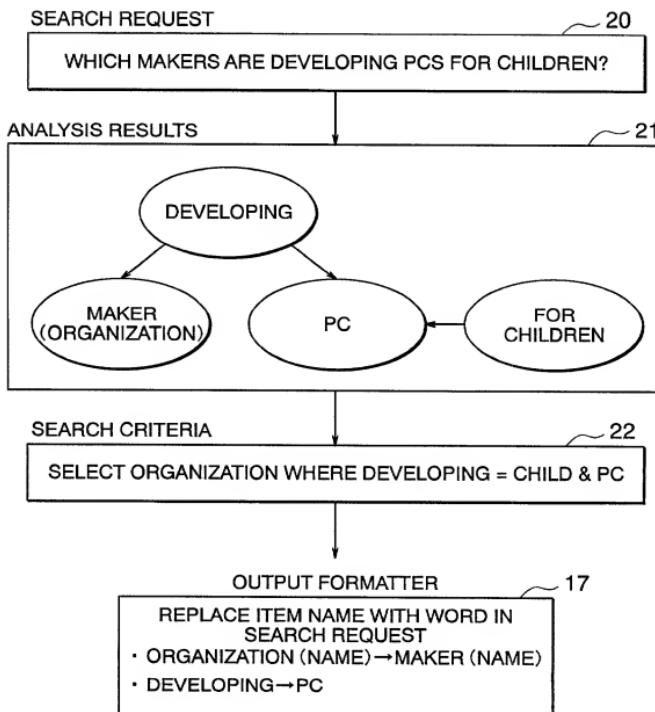


FIG. 10

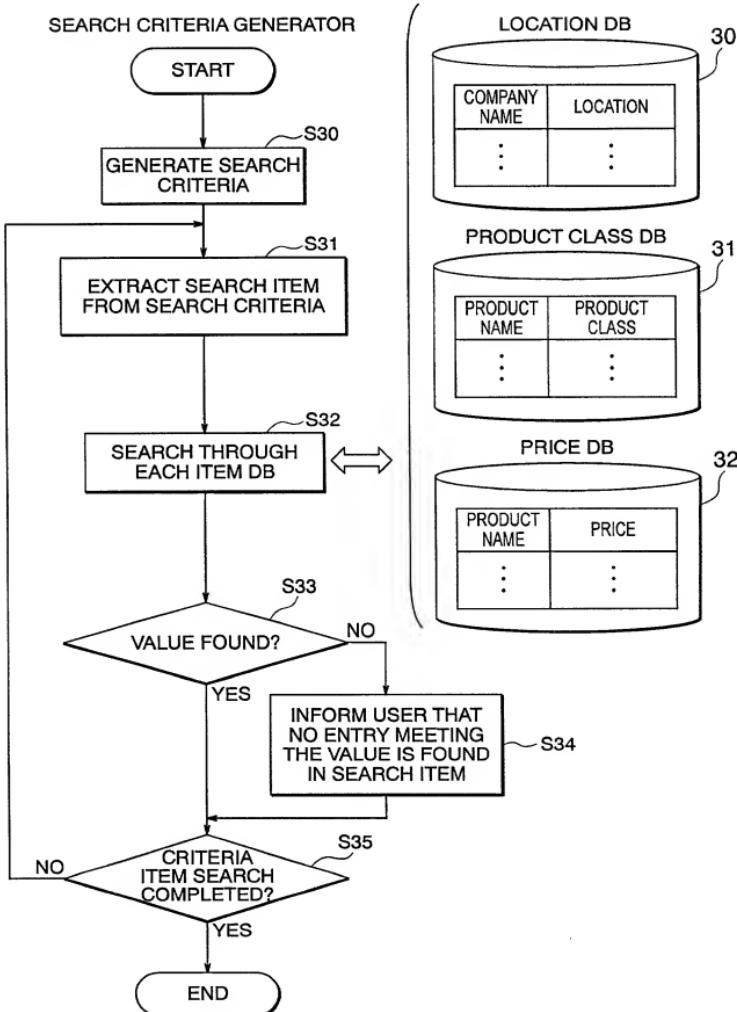


FIG. 11

SEARCH CRITERIA GENERATOR

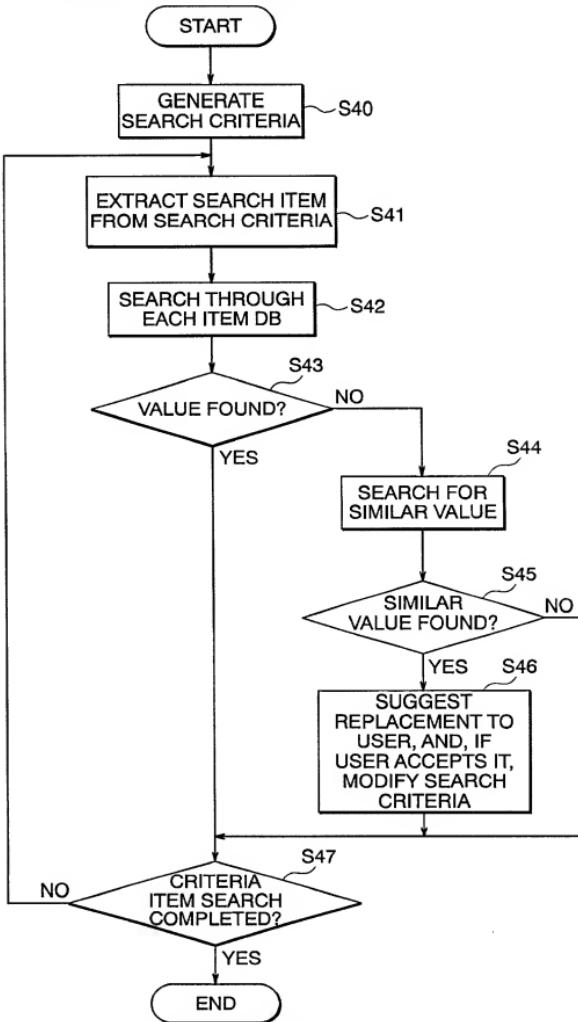


FIG. 12

SEARCH CRITERIA GENERATOR

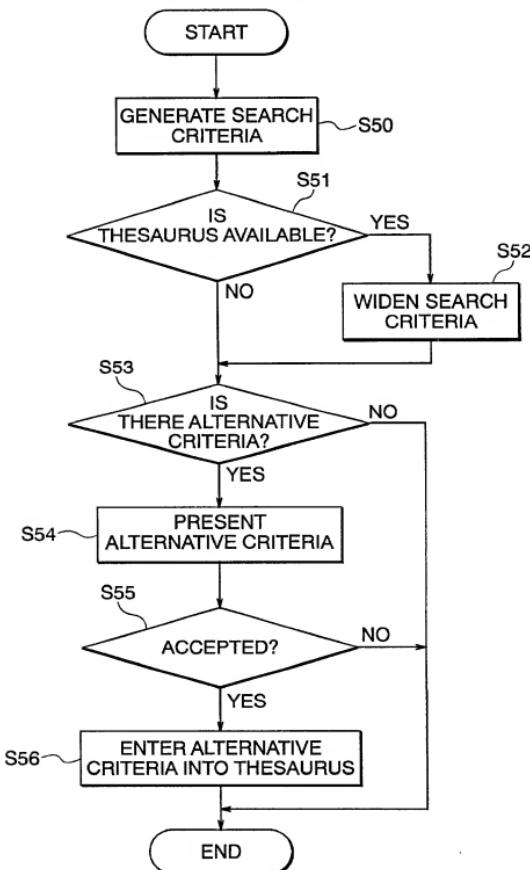


FIG. 13A

WIDENING SEARCH CRITERIA

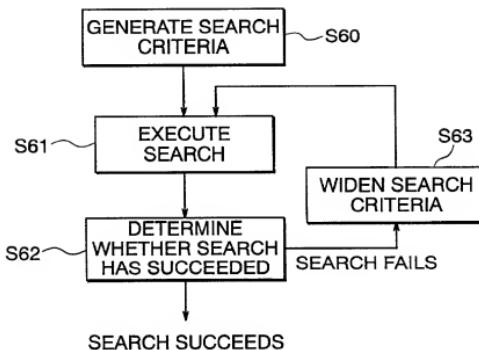


FIG. 13B

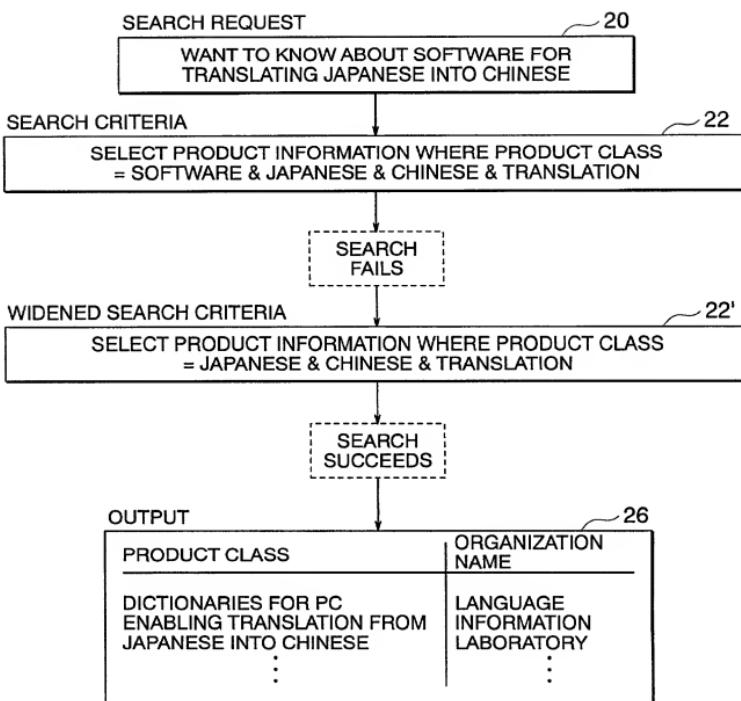


FIG. 14A

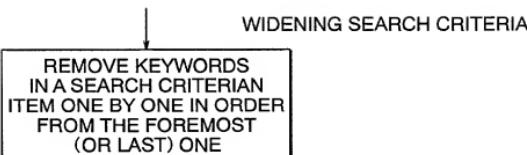


FIG. 14B

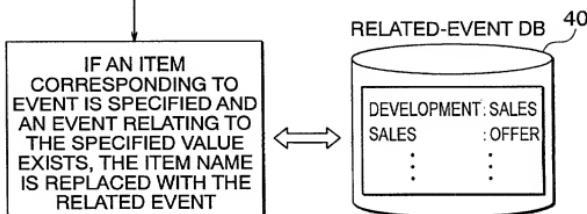


FIG. 14C

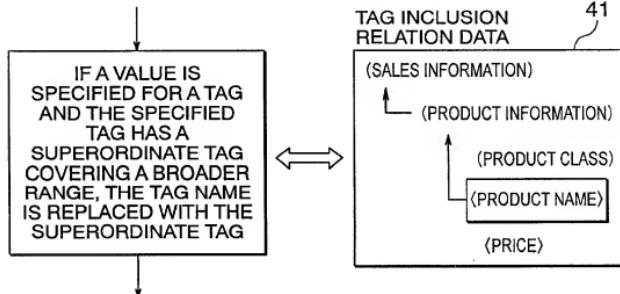


FIG. 15

CONFIRMING SEARCH AREA

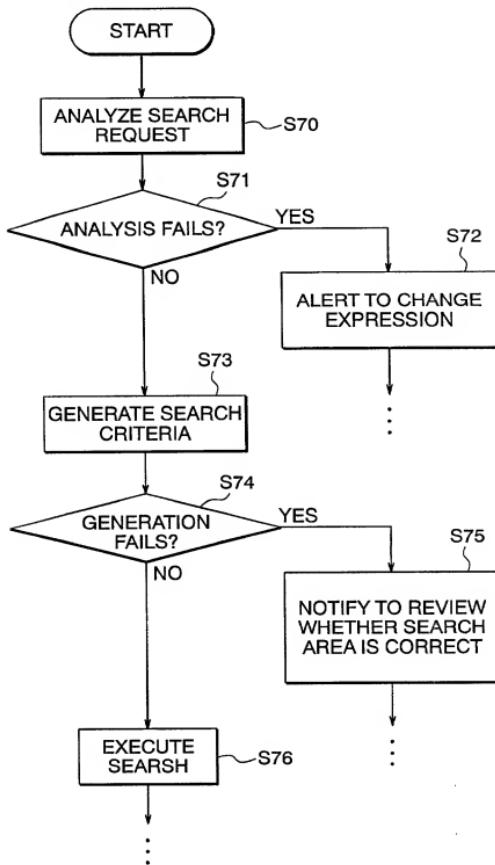


FIG. 16

DETERMINING SEARCH AREA

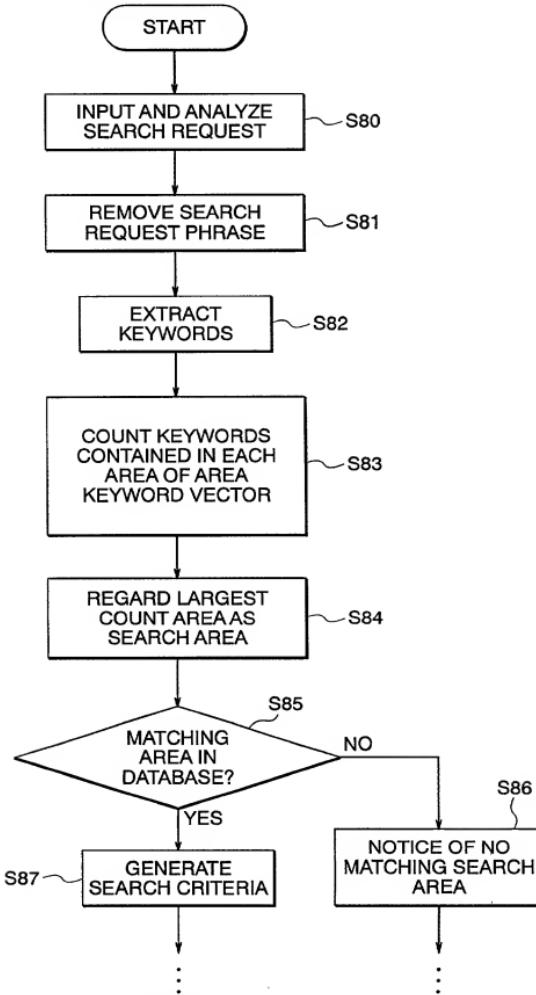


FIG. 17

SEARCH CRITERIA GENERATOR

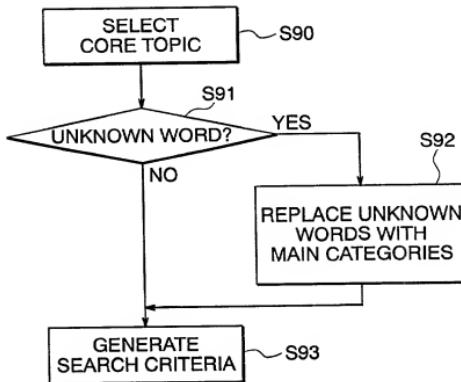


FIG. 18

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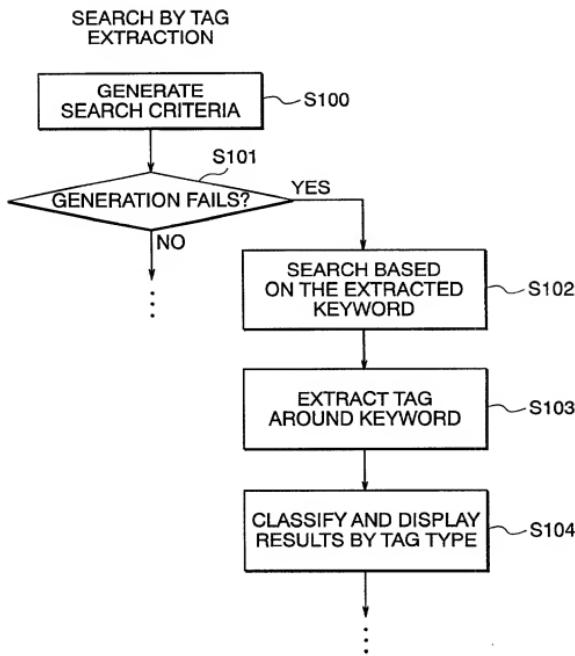


FIG. 19

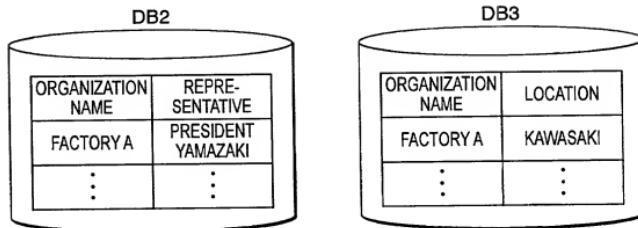
PROCESS FOR COMPLEMENTING
TEXT IN DATABASE

(A) CORRESPONDENCE TABLE BETWEEN TAGS
AND SECONDARY DBS

50

TAG ITEM	A	B	REPRESEN-TATIVE	LOCATION
SECONDARY DB	NONE	DB1	DB2	DB3

(B)



(C) ESSENTIAL ITEM LIST

51

ORGANIZATION	ORGANIZATION NAME	LOCATION	REPRESENTATIVE
PRODUCT	PRODUCT CLASS	PRODUCT NAME	PRICE
⋮	⋮	⋮	⋮

(D) TEXT

52

〈ORGANIZATION NAME〉 FACTORY A 〈/ORGANIZATION NAME〉

(E) COMPLEMENT TEXT

53

〈ORGANIZATION NAME〉 FACTORY A 〈/ORGANIZATION NAME〉
〈REPRESENTATIVE〉 PRESIDENT YAMAZAKI
〈/REPRESENTATIVE〉 〈LOCATION〉 KAWASAKI 〈/LOCATION〉

FIG. 20

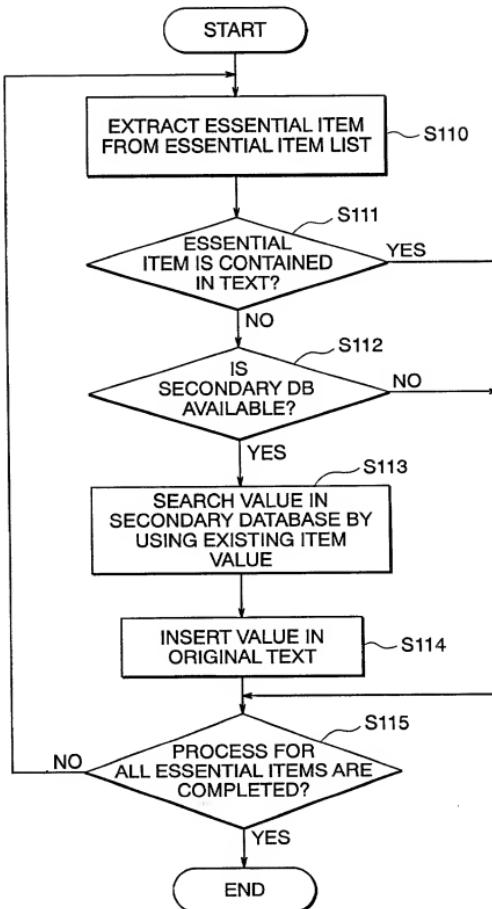


FIG. 21

